Other Applications

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The Examiner's attention is directed to the following U.S. patent application(s):

	U.S. APPLI	CATIONS	St	tatus (check d	one)
	U.S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
7	1. 09/533,048	3/22/2000		Х	
	2. 09/532,034	3/22/2000		X.	RECEIVED
	3. 09/533,024	3/22/2000		Х	
	4. 09/717,579	11/21/2000		х	MAR 1 2 2002
	5. 09/735,434	12/12/2000		X 7	echnology Center 2100
	6. 09/895,987	6/28/2001		X	
	7. 09/823,484	3/30/2001		X	
	8. 09/823,566	3/30/2001		X	
	9. 09/823,400	3/29/2001		Х	
	10. 09/823,421	3/29/2001		X	
	11. 09/854,129	5/11/2001		X	
	12. 10/445,546	1/11/2002		Х	
	13. 09/895,744	6/29/2001		X	
	14. 09/895,433	6/30/2001		· X	
	15. 09/966,676	9/28/2001		X	
	16. 09/967,829	9/28/2001		X	
	17. 09/962,286	3/24/2001		Х	
	18. 09/882,205	6/15/2001		Х	
	19. 09/882,486	6/15/2001		х	
	20. 09/882,090	6/15/2001		X _.	
	21. 09/882,091	6/15/2001		X	
	22. 09/882,105	6/15/2001		Х	
	23. 09/882,487	6/15/2001		Х	
	24. 09/882,485	6/15/2001		Х	·
	25. 09/941,433	8/28/2001		X	
	26. 09/941,435	8/28/2001		X	
	27. 09/895,057	6/28/2001		Х	
	28. 09/941,424	8/28/2001		X	
	29. 10/002,139	10/31/2001		· X	
_	30. 10/044,544	1/11/2002		X	

Docket No.: 42390P11552 Application No.: 10/043,918

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Substi		Form 1449A/PTO (Modified) many sheets as necessary)		Attorney Docket No.: 042390P11552	Application Num 10/043,918	ber: 2143
-		B MAR 0 7 21	50117	First Named Inventor: Ramesh Pendakur	RECEI	VED
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		MOEND	U.S. PAT	TENT DOCUMENTS	Technology C	enter 2100
Exam. Initial*	Cite No.1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns,
unnai.	140.	Number Kind	7	or Chea Document	MM-DD-YYYY	Lines, Where
		Code ²				Relevant
	1	(If Isnown)				Paggagagag

Exam.	Cite	U.S. Pa	tent Document	Name of Patentee or Applicant	Date of Publication	Pages,
Initial*	No.¹	Number Code ²	Kind (If known)	of Cited Document	of Cited Document MM-DD-YYYY	Columns, Lines, Where Relevant Passages or Relevant Figures Appear
86			4,602,279	Freeman	07/22/86	
			5,155,591	Wachob	10/13/92	
			5,444,499	Saitoh	08/22/95	
			5,446,919	Wilkins	08/29/95	
; ;			5,564,088	Saitoh	10/08/96	
		•	5,600,364	Hendricks et al.	02/04/97	
			5,686,954	Yoshinobu et al.	11/11/97	
			5,945,988	Williams et al.	08/31/99	
			5,977,964	Williams et al.	11/02/99	
	_		6,002,393	Hite et al.	12/14/99	
			6,114,376	Prichard et al.	11/05/00	
			6,184,918	Goldschmidt Iki et al.	02/06/01	
			6,020,883	Herz et al	2/1/00	
			6,144,376	Connelly	11/7/00	
			5,991,841	Gafken et al.	11/23/99	
			6,119,189	Gafken et al.	11/07/00	
业			6,131,127	Gafken et al.	10/10/00	

Exam.	Cite	For	eign Patent D	ocument	Name of Patentee or Appli	cant	Date of	Pages,	Т6
Initial*	No.1	Office ³ Code ⁵	Number	Kind (If known)	of Cited Document		Publication of Cited Document MM-DD- YYYY	Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
\mathcal{A}	2		WOO	0/01149	Wachtfogel et al.		1-6-00		
9			WO 9	9/65237	Ismail et al.		12-19-99		
Examir Signati			M	2/		Date	Considered	2/14/	, 7

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Application Number: Attorney Docket No.: . Substitute for Form 1449A/PTO (Modified) P E 10/043,918 (use as many sheets as necessary) 42390P11552 **First Named Inventor:** 2 RECEIVED MAR 0 7 2002 Ramesh Pendakur Filing Date: MAR-1 2 2002 January 11, 2002 Technology Center 2100 OTHER ART - NO PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title Translation² Examiner Cite of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-Initials* No1 issue number(s), publisher, city and/or country where published INTEL: Intel Architecture Labs. Internet and Broadcast: The Key To Digital Convergence. Utilizing Digital Technology to Meet Audience Demand. Pages 1-4. Copyright 2000. INTEL: Intel Architecture Labs. Client Infrastructure for Internet-Based Data Services for Digital Television: Enabling A New Class of DTV Services. Copyright 2000 Pages. 1-10. Enhanced Digital Broadcast, Web Page [online]. IAL Digital Entertainment [retrieved on 8/21/2001] Retrieved from the Internet: <URL: http//www.developer.intel.com/ial/home/digentertain/edb.htm. Pages 1-3. Internet Protocol (IP) Multicast Technology Overview. White paper [online]. Cisco Systems, Inc. Posted June 27, 2001. [retrieved on 6/29/2001] Retrieved from the Internet: <URL: http//www.cisco.com/warp/public/cc/pd/iosw/tech/ipmu_ov.htm Pages 1-16. "What is Replay TV? Introducing the new ReplayTV 2020". ReplayTV, Web Page [online]. ReplayTV [retrieved on March 21, 2000] Retrieved from the Internet: URL<: http//www.replaytv.com/overview/index.htm. Page 1. "Features. Your Time, Your Schedule". ReplayTV, Web Page [online]. [retrieved on March 21, 2000] Retrieved from the Internet: <URL: http//www.replaytv.com/overview/features.htm. Pages 1-2. Frequently Asked Questions. Will ReplayTV make me more popular? And other frequently asked questions. ReplayTV, Web Page [online]. [retrieved on March 21, 2000] Retrieved from the internet: <URL: http://www.replaytv.com/overview/faqs.htm Pages 1-4. ReplayTV: Features/Benefits. ReplayTV, Web Page [online]. [retrieved on March 21, 2000] Retrieved from the internet<URL: http://www.replaytv.com/overview/details.htm Pages 1-3. Competitive Differences. ReplayTV, Web Page. [online] [retrieved on March 21, 2000] Retrieved from the Internet<URL: http://www.replaytv.com/overview/differences.htm. Pages 1-2. Technical Specifications. ReplayTV, Web Page. [online] [retrieved on March 21, 2000] Retrieved from the internet<URL: http://www.replaytv.com/overview/techspecs.htm. Page 1.

Examiner Signature	Alm	, Pu	Date Considered	2/16/05
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^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

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Substitute	for Forn	n 1449A/PTO (Modified)	Attorney Docket No.:	Application Number:					
(use	as many s	heets as necessary)	42390P11552	10/043,918					
<u> </u>			First Named Inventor:	RECEIVED					
		MAR 0 7 2002 2	Ramesh Pendakur	4 0 0000					
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		OTHER APPROPRIES	LITERATURE DOCUMENTS	Technology Center 2100					
<u> </u>	T -	1							
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Initials*	No1	of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume- issue number(s), publisher, city and/or country where published							
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$\bigcirc A$		A Better Way to WATCH TV. What is 7	0						
00		21, 2000] Retrieved from the internet <u< td=""><td>KL: http://www.tivo.com/what/i</td><td>intro.html.</td></u<>	KL: http://www.tivo.com/what/i	intro.html.					
		Page 1.		1 20001					
1	1	Control LIVE TV. What is TiVo? Web Pa							
		Retrieved from the internet <url: <="" http:="" td=""><td>//www.uvo.com/what/introz.nm</td><td>u. rage 1.</td></url:>	//www.uvo.com/what/introz.nm	u. rage 1.					
		Something GOOD is Always On. What	is TiVo? Web Page. [online] [retries	ved on					
		March 21, 2000] Retrieved from the inte							
			http://www.tivo.com/what/intro3.html. Page 1.						
		Channel SURF in a Whole New Way. What is TiVo? Web Page. [online] [retrieved on							
		March 21, 2000] Retrieved from the inte							
		http://www.tivo.com/what/intro4.htm							
	ļ	DIGITAL Recordings without the Tape.		[retrieved					
		on March 21, 2000.] Retrieved from the		;					
		http://www.tivo.com/what/intro5.htm							
		What you want, When you Want it.™ W		etrieved on					
		March 21, 2000] Retrieved from the intention http://www.tivo.com/what/how.html		ļ					
	 	PRODUCT Specifications. What is TiVO		March 21					
		2000] Retrieved from the internet <url:< td=""><td></td><td></td></url:<>							
	l .	Page 1.	map, , ,						
	1	Frequently asked Questions. What is TI	VO? Web Page. [online] [retrieved	on March					
		21, 2000] Retrieved from the internet <u< td=""><td></td><td></td></u<>							
	<u> </u>	http://www.tivo.com/what/faq_sub.h							
		Digital Video Broadcasting (DVB); Spec							
	1	systems. European Broadcasting Union.	ETSI EN 300 468 V1.4.1 (2000-11)	Pages 1-83.					
	<u> </u>	France. Copyright 2000.							
		Program And System Information Proto							
		(Revision A) AND Amendment No. 1. A							
		Doc. A/65A. Dec. 23, 1997. Rev. A - Ma Copyright 2000.	y 51, 2000. rages a - e AND pages	1 - 135.					
 	 	SMYTH, B. et al. A Personalized Televis	ion Lietings Sorvice: Communicati	one of the					
		ACM. August 2000, Vol. 43, No. 8. Page		ore or the					
	 	HASKELL, BARRY G. et al., Digital Vid		07.					
¥_		Chapman & Hall; New York, NY. Pgs. 2		71,					
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Substitute for form 1449A/PTO Complete if known (modified) **Application Number** 10/043,918 ORMATION DISCLOSURE **Filing Date** January 11, 2002 STATEMENT BY APPLICANT **First Named Inventor** Ramesh Pendakur Net yet assigned Technology Center 2100 **Group Art Unit** (use as many sheets as necessary) **Examiner Name** Not yet assigned

Attorney Docket Number

42390P11552

Other Prior Art - Non Patent Literature Documents									
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.	T ²						
80		United States Patent Application Publication, Publication No. US 2001/003828 A1, PETERSON, et al., Publication Date June 14, 2001.							
98		United States Patent Application Publication, Publication No. 2001/0012299 A1, DAHLEN, Publication Date August 9, 2001.							

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Foreign Patent Documents

Examiner's Initials	Date	Document Number	Country	Class	Sub- Class	Translation
Ø)	04-04-2001	1089201 A1	EP			Yes
DO	09-02-1999	99/44159	wo			Yes
	12-06-2001	01/93524 A2	wo	-		Yes -
80	07-24-2001	97/26729	wo			Yes

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